first summer means for summing the first plurality of magnitudes to generate an early signal-energy value;

second correlation means for multiplying each late set of samples by the spreading code c(n-1), c(n-2), ..., c(n-L), thereby generating a second plurality of products;

second sum-and-dump means for computing a second plurality of sums from the second plurality of products, respectively;

second calculator means for calculating a second plurality of magnitudes from the second plurality of sums, respectively;

second summer means, coupled to said second calculator means, for summing the second plurality of magnitudes to generate a late signal-energy value; and

subtractor means for calculating a difference between the early signal-energy value and the late signal-energy value, thereby producing the error signal.--

IN THE ABSTRACT

Please delete the current abstract, and substitute the following abstract therefor:

--An improvement for a method and system for tracking a spreading code, used in a code division multiple access (CDMA) system. An input signal has spread-spectrum modulation. The spreading code embedded in the spread-spectrum modulation has a plurality of chips. The input signal is sampled, and half-chip offset samples are formed from the sampled input signal. An even set of the half-chip offset samples are grouped into an early set of samples, and an odd set of the half-chip offset samples are grouped into a late